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### The impact of the green transition on jobs and skills



#### CREATION OF "GREEN" JOBS

E.g.: renewable energies, energy efficiency, circular economy, waste management



#### REDEFINITION OF EXISTING JOBS

E.g.: agriculture, transports, energy production, construction



#### JOB DESTRUCTION

E.g.: fossil fuels, carbon-intensive industries

#### Objective

2030

Creation of **2.5 million additional jobs** in the EU

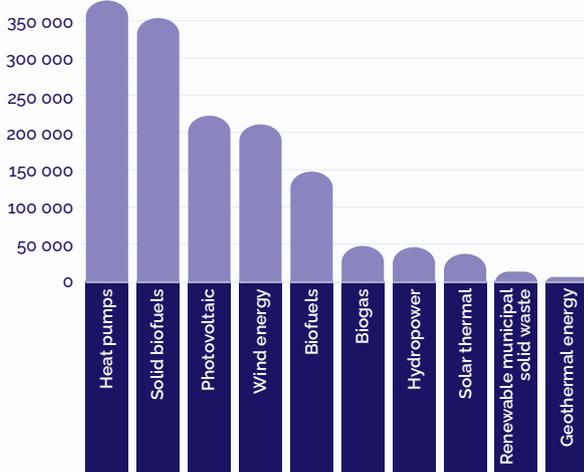


Source: Cedefop. The green employment and skills transformation: insights from a European Green Deal skills forecast scenario, 2021.

This job creation dynamic is already visible



#### Jobs in the renewable energy sector in the EU in 2021



#### Jobs in the renewable energy sector



2012

+ 36%

2018

#### Jobs in the environmental goods and services sector



2000

+ 59%

2020

Source: The state of renewable energies in Europe, 2021 edition, 20<sup>th</sup> EurObservER Report.



Strong geographical and sectoral concentration of job losses linked to the ecological transition

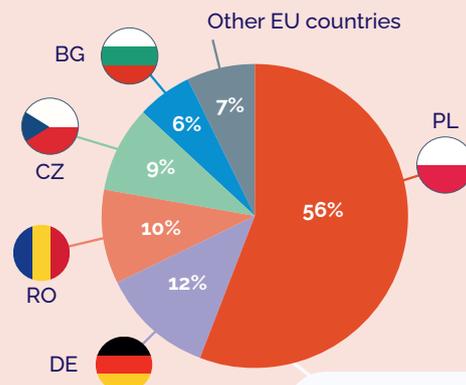


Declining employment in the coal industry

2012

- 32%

2018



+ 90% of the 163,000 jobs in the EU coal industry are concentrated in 5 countries

Source: EUROCOAL, Coal industry across Europe, 7<sup>th</sup> edition, 2020

I.

Support for those who lose their jobs  
(reskilling)

## European Globalisation Adjustment Fund

**For whom?** Workers laid off due in part to the transition to a low-carbon economy (+ 200 layoffs).

**Budget** 210 million € per year



## Just transition fund

**For whom?** Regions and sectors most affected by the transition due to their strong link to fossil fuels (subsidies to support the economic diversification of the territories, promote retraining of workers and inclusion of job seekers).

**Budget** 17,5 billion € (for 2021-2027)

II.

Support for green job training to address job shortages that may slow  
the transition and enable citizens to seize the opportunities offered  
by the transition (upskilling)

77%

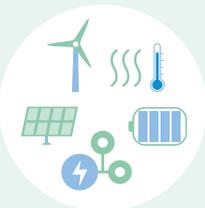
of companies in the EU report having difficulty recruiting people with the right skills.

## Examples of initiatives at the European level:



## Pact for Skills

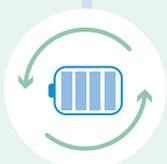
- Supports partnerships aimed at training workers for jobs in the green and digital economy.
- So far, the more than 1000 companies and training providers involved have pledged to help upskill and reskill 6 million people.



## Net-Zero Industry Act

- Objective: strengthen the European ecosystem for the production of "net zero emissions" technologies
- Have at least 40% of clean technologies manufactured in the EU by 2030.

➔ Creation of specific academies by sector to ensure a sufficient rate of training for workers.



European  
Battery Alliance  
Academy



Academies for  
the Net Zero  
Industry

Additional solar and battery manufacturing jobs by 2030 based on scenarios (in thousands)

